

FRUITS

The 2002 fruit growing season was marked by an extremely warm spring which led to the earliest full bloom dates for apples in over 40 years. Several freeze incidents followed and greatly reduced crop potential in most areas of the state

The value of New York's 2002 tree fruit and grape production totaled \$170 million, down 5 percent from the 2001 value, according to the New York Agricultural Statistics Service. The value of utilized production was below the previous year for all fruits except tart cherries, blueberries, and strawberries.

APPLE

The 2002 crop in New York was down 32 percent to 680 million pounds. This is the lowest production since 1956. This year's value of utilized apple production, based on packinghouse door equivalent returns, totaled \$102 million. New York ranks second in apple production behind Washington.

GRAPES

Production in New York increased 5 percent from 2001 to 156,000 tons. Fresh grapes totaled 2,000 tons while 153,000 tons were crushed by wineries and processors. Grapes utilized for juice accounted for 71 percent of the total grapes processed with the remaining 29 percent going for wine. Unutilized production was 1,000 tons.

The value of the 2002 grape crop is estimated at \$43.3 million, 4 percent below the 2001 crop value. New York ranked third in grape production behind California and Washington.

TART CHERRIES

New York's tart cherry crop is estimated at 12.7 million pounds, down 14 percent from the 2001 crop of 14.7 million pounds. The value of utilized production is estimated at \$6.42 million. New York ranked third nationally in tart cherry production behind Washington and Michigan.

SWEET CHERRIES

New York sweet cherry production, at 350 tons, is down 68 percent from the 1,100 tons produced in 2001. The 2002 crop is valued at \$605 thousand compared to \$1.61 million a year ago.

PEACHES

Production for the Empire State is placed at 10.0 million pounds, down 20 percent from the 2001 level. The value of the 2002 crop, at \$2.38 million, is down 36 percent from 2001.

PEARS

Production of pears in New York is estimated at 10,000 tons, down 9 percent from the 2001 output of 11,000 tons. The 2002 crop is valued at \$3.68 million, down 8 percent from 2001. New York ranks fourth nationally in pear production.

STRAWBERRIES

Production in New York was up 5 percent from 2001 to 6.30 million pounds, according to the New York Agricultural Statistics Service. The value of utilized production is estimated at \$8.82 million, up 25 percent from the \$7.08 million in 2001. New York ranks seventh in strawberry production. Nationally, the strawberry crop for 2002 was placed at 1.97 billion pounds, up 19 percent from 2001.

BLUEBERRIES

Production of blueberries for the Empire State was placed at .10 million pounds, up 24 percent from the 2001 level of 1.70 million pounds. The 2002 crop is valued at \$2.55 million. This is an increase of 44 percent from the \$1.77 million in 2001. The U.S. estimate for blueberries is 192 million pounds, down 1 percent from the 193 million pounds produced in 2001.

Table 19. **FRUIT:** Production and Value of Major Fruits,
New York, 1993-2002 1/

Year	Utilized Production	Value	
		<u>Tons</u>	<u>1,000 dollars</u>
1993	589,440		158,723
1994	777,620		191,833
1995	756,070		191,977
1996	732,200		210,319
1997	722,720		203,840
1998	630,300		170,033
1999	850,950		224,851
2000	653,450		177,497
2001	646,850		177,826
2002	495,650		169,768

1/ Includes apples, grapes, tart and sweet cherries, peaches, pears, blueberries, and strawberries. Includes red raspberries for 1995-1999.

Table 20. APPLES: Bearing Acres, Production, and Value, New York, 1993-2002

Crop Year	Acres of bearing age	Production		Value	
		Total	Utilized production	Marketing year average price 1/	Value of utilized production
		<u>Thousands</u>	<u>Million pounds</u>	<u>Cents per lb.</u>	<u>1,000 dollars</u>
1993	56.0	870	870	11.60	101,090
1994	57.0	1,100	1,100	11.80	129,680
1995	57.5	1,110	1,110	12.10	134,490
1996	57.5	1,030	1,030	13.50	138,850
1997	55.0	1,120	1,120	12.60	141,320
1998	55.0	1,070	960	11.40	109,560
1999	55.0	1,260	1,230	11.40	140,230
2000	40.0	995	935	11.70	109,075
2001	41.0	1,000	940	11.90	111,860
2002	41.0	680	630	16.20	101,980

1/ Packinghouse door equivalent.

Table 21. APPLES: Utilization and Price, New York, 1993-2002 1/

Crop Year	Fresh Use		Processed			
	Quantity	Marketing year average price	Total	Marketing	Canned	Marketing year average price
				year average price 1/		
	<u>Million lbs.</u>	<u>Cents per lb.</u>	<u>Million lbs.</u>	<u>Dollars per ton</u>	<u>Million lbs.</u>	<u>Dollars per ton</u>
1993	400	17.4	470	133	218	150
1994	490	18.0	610	135	283	148
1995	480	18.7	630	141	271	156
1996	500	17.7	530	190	300	212
1997	520	17.6	600	166	335	186
1998	420	15.8	540	160	292	192
1999	590	16.5	640	134	310	164
2000	460	17.0	475	130	246	158
2001	420	18.4	520	133	320	152
2002	310	25.0	320	153	228	166
Crop Year	Processed					
	Juice and Cider	Marketing year average price	Frozen	Marketing year average price	Other 2/	Marketing year average price
	<u>Million lbs.</u>	<u>Dollars per ton</u>	<u>Million lbs.</u>	<u>Dollars per ton</u>	<u>Million lbs.</u>	<u>Dollars per ton</u>
1993	155	92	63	164	34	152
1994	195	100	67	164	65	156
1995	280	122	59	168	20	180
1996	182	146	35	226	13	188
1997	160	106	88	202	17	144
1998	170	92	68	200	10	129
1999	266	90	45	168	19	164
2000	189	88	26	168	14	128
2001	155	86	30	150	15	164
2002	65	100	20	182	7	120

1/ Packinghouse door equivalent price.

2/ Includes vinegar, jelly, applebutter, mincemeat, fresh slices, and dried.

Table 22. APPLES: Receipts and Utilization at New York Processing Plants and Cider Mills, New York, 1993-2001

Crop Year	Total received <u>1/</u>	Receipts from other states <u>2/</u>	Used for canning and applesauce	Used for juice and cider	Used for freezing	Other products <u>3/</u>	Cider and juice made <u>4/</u>
	<i>Million pounds</i>						<i>Thous. gal.</i>
1993	489.1	56.7	214.2	184.6	69.2	21.2	15,510
1994	530.8	40.3	238.2	198.1	70.1	24.4	17,534
1995	624.7	68.1	258.8	281.1	64.2	20.6	23,170
1996	464.3	49.5	235.9	184.2	34.3	9.9	17,595
1997	505.6	54.0	257.0	152.9	84.4	11.3	20,150
1998	471.8	34.0	241.8	144.8	78.1	7.1	17,379
1999	574.7	50.0	261.9	244.4	50.2	18.2	<u>5/</u>
2000	444.0	37.3	216.2	184.1	30.7	13.0	14,779
2001	471.6	32.8	267.4	158.9	31.1	13.7	<u>6/</u>
2002	314.4	38.2	208.7	78.2	20.2	7.2	<u>6/</u>

1/ Excludes New York grown apples processed in other states.

2/ Included in preceding column.

3/ Includes vinegar, jelly, applebutter, mincemeat, fresh slices, and dried.

4/ Unconcentrated.

5/ Not published to avoid disclosure of individual operations.

6/ Estimate discontinued.



Table 23. **TART CHERRIES:** Bearing Acres, Production, Utilization, and Value, New York, 1993-2002

Crop Year	Acres of bearing age	Production				Fresh Use		Processed	
		Total	Utilized ^{1/}	Marketing year average price	Value of utilized production	Quantity	Marketing year average price	Total	Marketing year average price
	<u>Thous.</u>	<u>Million lbs.</u>	<u>Cents per lb.</u>	<u>1,000 dol.</u>	<u>Mil. lbs.</u>	<u>Cents per lb.</u>	<u>Mil. lbs.</u>	<u>Cents per lb.</u>	
1993	4.0	15.7	15.2	10.3	1,570	0.1	60.0	15.1	10.0
1994	4.0	26.0	23.7	12.4	2,934	0.1	55.0	23.6	12.2
1995	4.0	32.0	20.0	5.6	1,116	0.2	63.0	19.8	5.0
1996	3.5	19.0	14.2	14.4	2,042	0.2	76.0	14.0	13.5
1997	2.6	14.5	13.2	17.3	2,286	0.2	103.0	13.0	16.0
1998	2.6	14.0	12.2	18.0	2,200	0.2	98.0	12.0	16.7
1999	2.6	17.0	17.0	15.7	2,666	0.1	80.0	16.9	15.3
2000	2.2	16.6	16.6	21.3	3,536	0.1	120.0	16.5	20.7
2001	2.0	14.7	14.1	19.6	2,763	0.1	103.0	14.0	19.0
2002	2.0	12.7	12.7	50.6	6,420	0.1	120.0	12.6	50.0

1/ Excludes mature fruit not harvested.

Table 24. **SWEET CHERRIES:** Bearing Acres, Production, and Value, New York, 1993-2002

Crop year	Acres of bearing age	Production		Marketing year avg. price	Value of utilized production
		Total	Utilized ^{1/}		
	<u>Thous.</u>	<u>Tons</u>	<u>Dollars per ton</u>	<u>1,000 dol.</u>	
1993	0.45	700	700	850	595
1994	0.45	900	820	850	697
1995	0.45	1,100	1,000	960	960
1996	0.50	700	600	1,420	854
1997	0.75	650	620	1,720	1,069
1998	0.75	700	650	2,070	1,346
1999	0.75	1,050	1,000	1,490	1,494
2000	0.70	900	900	1,370	1,230
2001	0.70	1,100	1,050	1,530	1,610
2002	0.70	350	350	1,730	605

1/ Excludes mature fruit not harvested.

Table 25. **PEACHES:** Bearing Acres, Production, and Value, New York, 1993-2002

Crop year	Acres of bearing age	Production		Marketing year avg. price	Value of utilized production
		Total	Utilized ^{1/}		
	<u>Thous.</u>	<u>Million pounds</u>	<u>Cents per lb.</u>	<u>1,000 dol.</u>	
1993	1.6	9.0	9.0	29.6	2,660
1994	1.6	7.0	7.0	25.1	1,757
1995	1.6	11.5	11.0	20.7	2,280
1996	1.6	12.0	11.5	34.8	4,003
1997	1.6	12.0	11.5	46.1	5,296
1998	1.6	10.0	8.5	41.6	3,538
1999	1.6	14.0	12.0	45.4	5,454
2000	1.6	12.0	11.3	40.0	4,524
2001	1.6	12.5	12.0	31.1	3,736
2002	1.7	10.0	10.0	23.8	2,375

1/ Excludes mature fruit not harvested.

Figure 2.
RELATIVE VALUE OF NEW YORK FRUIT CROPS, 2002

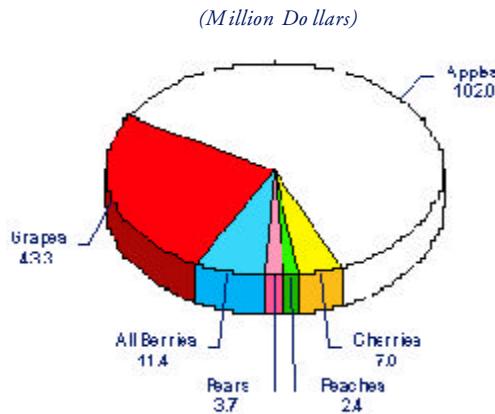


Table 26. **PEARS:** Bearing Acres, Production, and Value, New York, 1993-2002

Crop year	Acres of bearing age	Production		Marketing year avg. price	Value of utilized production
		Total	Utilized ^{1/}		
	<u>Thous.</u>	<u>Tons</u>	<u>Dollars per ton</u>	<u>1,000 dol.</u>	
1993	2.4	15,000	14,500	261	3,781
1994	2.4	16,000	16,000	303	4,848
1995	2.5	14,500	14,500	372	5,392
1996	2.4	15,000	15,000	383	5,748
1997	2.0	8,000	8,000	384	3,070
1998	2.0	11,500	10,000	375	3,754
1999	2.0	12,500	11,300	388	4,390
2000	2.0	14,500	12,900	353	4,551
2001	1.4	11,000	10,000	401	4,008
2002	1.4	10,000	9,850	374	3,682

1/ Excludes mature fruit not harvested.

Table 27. **GRAPES:** Bearing Acres, Production, Utilization, and Value, New York, 1993-2002

Crop Year	Acres of bearing age	Production				Fresh Use	
		Total all varieties	Utilized all varieties 1/	Marketing year average price	Value of utilized production	Quantity	Marketing year average price
		<i>Thous.</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>1,000 dollars</i>	<i>Dollars per ton</i>
1993	32.5	118,000	118,000	222	26,165	3,000	480
1994	33.0	190,000	187,000	213	39,761	4,000	470
1995	33.0	165,000	163,000	228	37,218	4,000	480
1996	33.0	189,000	184,000	257	47,220	4,000	600
1997	31.5	139,000	137,000	292	40,024	3,000	790
1998	31.5	128,000	125,000	311	38,884	2,000	500
1999	31.5	205,000	204,000	286	58,366	2,000	600
2000	31.5	154,000	154,000	298	45,940	2,000	550
2001	31.5	149,000	149,000	302	45,004	1,000	900
2002	31.0	156,000	155,000	280	43,336	2,000	860
Processed							
Crop Year	Quantity	Marketing year average price	Wine		Marketing year average price	Sweet Juice and Other	Marketing year average price
		<i>Tons</i>	<i>Dollars per ton</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Tons</i>	<i>Dollars per ton</i>
		115,000	215	41,000	236	74,000	203
1993	183,000	207	82,000	217	101,000	198	
1994	159,000	222	51,000	259	108,000	205	
1995	180,000	249	58,000	282	122,000	234	
1996	134,000	281	44,000	328	90,000	258	
1997	123,000	308	36,000	392	87,000	273	
1998	202,000	283	50,000	348	152,000	262	
1999	152,000	295	41,000	377	111,000	265	
2000	148,000	298	41,000	391	107,000	262	
2001	153,000	272	44,000	369	109,000	233	

Table 28. **GRAPES:** New York Grown Grapes Processed, by Variety, New York, 1993-2002 1/

Variety	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
American Varieties:										
Catawba	6,636	10,116	8,700	7,900	7,335	6,090	9,600	6,400	7,760	6,680
Concord	82,914	136,00	111,00	139,00	96,600	89,400	154,50	113,30	107,20	107,77
Delaware	2,407	2,316	2,350	1,650	1,010	550	1,180	630	550	820
Ives 2/					130	115	210	140	150	165
Elvira	3,533	4,826	4,600	5,100	4,110	3,080	4,540	3,660	3,950	4,200
Niagara	9,623	15,300	15,600	10,700	12,800	10,000	17,200	13,900	15,100	18,880
French Hybrids:										
Aurora	3,121	6,282	5,250	4,900	3,295	4,080	4,240	4,060	2,880	4,100
Baco Noir	824	923	1,300	1,200	670	890	730	720	990	930
Cayuga White	313	523	740	1,000	630	840	860	740	670	830
DeChaunac	1,363	1,126	1,450	910	575	710	940	670	850	590
Rougeon	414	735	800	720	585	420	660	540	680	625
Seyval Blanc	575	678	900	900	600	650	850	550	610	590
Vitis Vinifera, All										
Other Varieties, All 3/	1,939	2,743	2,625	2,200	2,010	2,160	2,460	2,020	2,200	2,200
TOTAL	115,00	183,00	159,00	180,00	134,00	123,00	202,00	152,00	148,00	153,00

1/ Includes New York grown grapes received at out-of-state plants.

2/ Estimates began in 1997.

3/ Includes other American and French Hybrid varieties not shown.



Table 29. **BERRIES:** Area Harvested, Yield, Production, and Value, New York, 1993-2002

Crop Year	Area Harvested	Production		Marketing year average price	Value of utilized production
		Total	1,000 pounds		
	Acres			Dollars per cwt.	1,000 dol.
STRAWBERRIES					
1993	2,600	15,600		136.00	21,216
1994	2,400	9,600		112.00	10,752
1995	2,200	7,700		107.00	8,239
1996	1,900	7,400		120.00	8,880
1997	1,600	6,700		101.00	6,767
1998	1,600	6,100		115.00	7,015
1999	1,600	7,800		106.00	8,268
2000	1,600	6,500		105.00	6,825
2001	1,600	6,000		118.00	7,080
2002	1,400	6,300		140.00	8,820
BLUEBERRIES					
1993	560	1,680	1,680	.98	1,646
1994	660	1,400	1,300	1.08	1,404
1995	600	1,200	1,100	1.00	1,104
1996	650	1,300	1,200	1.02	1,229
1997	700	1,600	1,500	1.07	1,602
1998	700	1,600	1,500	1.02	1,536
1999	700	1,900	1,600	1.08	1,733
2000	700	2,000	1,900	.96	1,816
2001	700	1,700	1,500	1.18	1,765
2002	700	2,100	1,900	1.34	2,550